

Join us on the second Thursday of every month for a series of "brown bag" seminars sponsored by the National Renewable Energy Laboratory and the U.S. Department of Energy. Each seminar is held at NREL's Washington offices with a video-conference link to Golden, Colorado. Topics focus on new and innovative renewable energy and energy analysis strategies, models, and technologies.



## Energy Analysis Seminar Series

*A "brown bag" analytical seminar series*

### **Geographic Information Systems: Status and Strategies for Supporting Renewable Energy Analysis**

Liz Brady Sabeff  
National Renewable Energy Laboratory  
Thursday, March 14  
Noon–1 p.m.

Geographic information science encompasses several technologies that enable the examination and analysis of phenomena over both time and space. This presentation will focus on the use of one of these technologies, Geographic Information Systems (GIS). At the National Renewable Energy Laboratory, GIS is used to support analysis activities targeting renewable energy resource characterization and technology development. GIS also offers unique capabilities to respond more thoroughly to analytical questions by evaluating multiple layers of geographic and time-dependent information simultaneously. The seminar will encompass several applications at NREL where GIS has been used to supplement analysis and provide information to a cross-section of stakeholders. The presentation also will discuss areas where GIS can be used to more effectively explore questions that are important to the United States' energy future and security.

**Liz Brady Sabeff** is a Scientist II specializing in Geographic Information Systems (GIS) within the Distributed Energy Resources Center at the National Renewable Energy Laboratory. She has been with NREL since 1993, providing Laboratory-wide consultation and support in GIS. Her primary areas of focus include GIS programming, system planning and implementation, data integration and dissemination, and the application of GIS to modeling renewable energy potential. Her projects have included the programming and development of the GIS environment for the solar radiation resource model.



370 L' Enfant Promenade is located adjacent to the Forrestal building at 901 D Street SW in downtown Washington (Aerospace Building). Please contact Wanda Addison at NREL at 202-646-5278 or [wanda\\_addison@nrel.gov](mailto:wanda_addison@nrel.gov)

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